



Discoveries are disclosed that show particular aspects of recombinant DNA technology can be used successfully to produce hitherto unknown human keratinocyte growth factor (KGF) protein free of other polypeptides. These proteins can be produced in various functional forms from spontaneously secreting cells or from DNA segments introduced into cells. These forms variously enable biochemical and functional studies of this novel protein as well as production of antibodies. Means are described for determining the level of expression of genes for the KGF protein, for example, by measuring mRNA levels in cells or by measuring antigen secreted in extracellular or body fluids.